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TITLE : PREVENTIVE AND THERAPEUTIC MEDICINE FOR HUMAN ROTAVIRAL DIARRHEA

ABSTRACT : PURPOSE: To obtain the preventive and therapeutic medicine containing, as active ingredient, the common milk or its ingredient(s) of a milking animal immunized with human rotavirus or human rotavirus vaccine.

CONSTITUTION: Firstly, a milking animal being in the six to nine months of pregnancy is injected, three to four times, with human rotavirus or human rotavirus vaccine every month intramuscularly and intramammarily or close to the mammary lymph node and immunized. Furthermore, two weeks to three months after delivery, the animal is additionally immunized with the virus or vaccine once or several times. Thereby, a functional milk having infection- preventive and therapeutic effect virtually similar to the initial milk, that is, the objective preventive and therapeutic medicine can be obtained in large quantities in common milk. The milk thus obtained is preferably taken through oral administration enabling transintestinal absorption; namely, it is recommended that the powdered milk obtained by dehydrating or dehydrating and defatting the above milk be orally administered. The dose of the liquid milk is normally pref. about 1-10ml/kg b.w. a day.

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